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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applicant:

NATHAN ET AL.

Serial No.: 10/632,955

Filed: 4 August, 2003

FOR: METHOD AND SYSTEMS FOR  
DYNAMICALLY CONTROLLING ELECTRO-  
MAGNETIC WAVE MOTION THROUGH A  
PHOTONIC CRYSTAL

Examiner: Jennifer M. Dolan

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Group Art Unit: 2813

Attorney Docket: 27/217

Commissioner of Patents and Trademarks

Alexandria, Virginia 22313

## RESPONSE

Madam:

This is in response to the United States Patent and Trademark Office Action mailed 16 May 2005, which response is being made on or before 16 August 2005, and for which no extension fee is due.

Please amend the above-identified application as follows